

Judging Tally Sheet Elementary and Intermediate – Experiment



ENTRY NO: _____ GRADE : _____

PROJECT TITLE: _____

STUDENT NAME(S): _____

A. Scientific value

Problem or Hypothesis

Score (0-10) _____

Clearly stated?

Can student explain why they found it interesting?

Background and Sources

Score (0-10) _____

Evidence of background reading or other background research?

Were outside sources adequately credited?

Experimental Design

Score (0-10) _____

Appropriate for hypothesis?

Does student show an understanding of the scientific method and its principles?

Understanding of controls and variables?

Adequate replication?

Recording and Presentation of Data

Score (0-10) _____

Did student record data adequately during experiment?

Did student understand the technology used in collecting data?

Data presented clearly (figures, graphs, tables)?

Inferences from Data

Score (0-10) _____

Did student understand sources of error?

Could student relate data to the hypothesis?

Did student understand significant and non-significant differences?

Conclusions

Score (0-10) _____

Justified by data?

Clearly presented?

Was help with the project adequately acknowledged (e.g. parents, teachers)?

Section A total _____
(Maximum 60 points)

B. Creativity

Resourcefulness and Imagination

Imaginative or creative choice of topic?

Resourceful or imaginative use of technology to gather data?

Imaginative interpretation of data?

Score (0-10) _____

Future Work

Suggestions for improvement?

Suggestions for future research?

Has student discerned any applications?

Score (0-10) _____

Section B total _____
(Maximum 20 points)

C. Communication

Written Report

Clear? Concise? Logical?

Followed guidelines?

Score (0-10) _____

Oral Presentation and Project Display

Clear? Concise? Logical?

Enthusiastic?

Answered questions well?

Score (0-10) _____

Section C total _____
(Maximum 20 points)

Total for all sections _____
(Maximum 100 points)

Notes on special merits of project: